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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/406,721	09/28/1999	HIROSHI SATOMI	35.C13864	1890

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EXAMINER

DASTOURI, MEHRDAD

ART UNIT

PAPER NUMBER

2623

DATE MAILED: 12/03/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/406,721

Applicant(s)

SATOMI, HIROSHI

Examiner

Mehrdad Dastouri

Art Unit

2623

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 23 September 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Response to Amendment***

1. Applicant's amendment filed September 23, 2002, has been entered and made of record.
2. Objection to Claims 1-6, 12 and 19 has been withdrawn in view of Applicant's amendment.
3. Applicant's arguments regarding Claims have been fully considered but they are not persuasive.

Applicant argues in essence that prior art of record (Watanabe et al) do not store the overflow characters in a different storage area when the input characters exceeds the allowable number of characters.

The Examiner disagrees and indicates that Watanabe et al disclose utilizing several number of lines and different character size in order to display all inputted characters and prohibit deletion of characters (Figures 15 and 16; Pages 12 and 13, Paragraphs 0155-0169, in particular Paragraph 0161). As indicated in Paragraph 0161, Watanabe et al invention distinguishes between total number of inputted characters, a line allowable character number and overflow characters. As depicted in Figure 15, in Step 1106, overflow characters are recognized, and in Step 1108, overflow characters (stored in display buffer, or third storage means) will be displayed.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

5. Claims 1-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Watanabe et al (U.S. Patent Application 2002/0015167).

Regarding Claim 1, Watanabe et al disclose a character processing apparatus comprising:

first storage means for storing information relating to an area for displaying character data (Figure 1, ROM 22; Figure 5; Page 3, Paragraph 0028/0029; Figure 15, Step 1102; Page 12, Paragraphs 0157 and 0160. The information related to the character print area will be stored in a predetermined buffer);

second storage means for storing character data in association with the area for displaying character data (Figure 1, RAM 23; Figure 5; Page 3, Paragraph 0028/0029; Figure 15, Step 1105; Page 12, Paragraphs 0161);

arrangement means for arranging the character data stored in said second storage means in a display area created in accordance with the information stored in said first storage means (Figure 5; Page 3, Paragraph 0028/0029; Figure 15, Steps 1104 and 1105; Page 12, Paragraphs 0161);

display means for displaying the character data which can be arranged in the display area by said arrangement means (Figure 1, Display Unit 33; Figure 5; Page 6, Paragraphs 0079-0082);

judgment means for judging whether a predetermined designation to the display area is selected by a user (Figure 8; Pages 8-9, Paragraphs 0115-0128); and

control means for carrying out control in such a way that character data which can not be displayed in the display area is stored in third storage means different from said second storage means when said judgment means judges that the predetermined designation is selected (Figures 5 and 15; Paragraph 0161, Lines 17-23. As depicted in Figure 15, in Step 1106, overflow characters are recognized, and in Step 1108, overflow characters (stored in display buffer, or third storage means) will be displayed).

Regarding Claim 2, Watanabe et al further disclose a character processing apparatus according to Claim 1, wherein when character data which cannot be displayed in the display area exists, said display means displays a mark to report that the non-displayed character data exists (Figure 5; Page 3, Paragraph 0028; Page 12, Paragraph 0161; Figure 17(b); Paragraph 00170. Overflow characters are displayed with plex.).

Regarding Claim 3, Watanabe et al further disclose a character processing apparatus according to Claim 1, further comprising inserting means for inserting the non-displayed character data which has been stored in said third storage means in another display area different from the display area which is created in accordance with

the information stored in said first storage means (Figure 5; Figure 15, Step 1108; Page 12, Paragraphs 0161 and 0162).

Regarding Claim 4, Watanabe et al further disclose a character processing apparatus according to claim 1, further comprising inserting means for inserting the non-displayed character data stored in said third storage means in a position which is specified with a cursor (Page 12, Paragraph 0161, Lines 17-23. Figure 17(b); Paragraph 00170. Overflow characters are displayed with plex.) .

Regarding Claim 5, Watanabe et al further disclose a character processing apparatus according to Claim 1, wherein said display means display the character data arranged in the displayed area and a frame representing the display area (Figures 5, 15 and 16; Page 3, Paragraph 0028; Page 12, Paragraph 0161).

Regarding Claim 6, Watanabe et al further disclose a character processing apparatus according to Claim 1, wherein said arrangement means arranges the character data in accordance with a format which is decided for every area (Figure 5; Page 6, Paragraphs 0079-0082).

With regards to Claims 7, 13 and 14, arguments analogous to those presented for Claim 1 are applicable to Claims 7, 13 and 14.

With regards to Claims 8 and 15, arguments analogous to those presented for Claim 2 are applicable to Claims 8 and 15.

With regards to Claims 9 and 16, arguments analogous to those presented for Claim 3 are applicable to Claims 9 and 16.

With regards to Claims 10 and 17, arguments analogous to those presented for Claim 4 are applicable to Claims 10 and 17.

With regards to Claims 11 and 18, arguments analogous to those presented for Claim 5 are applicable to Claims 11 and 18.

With regards to Claims 12 and 19, arguments analogous to those presented for Claim 6 are applicable to Claims 12 and 19.

### ***Conclusion***

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

### ***Contact Information***

7. Any inquiry concerning this communication or earlier communications from the

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examiner should be directed to Mehrdad Dastouri whose telephone number is (703) 305-2438. The examiner can normally be reached on Monday to Friday from 8:00 a.m. to 4:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amelia Au can be reached on (703) 308-6604. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-9051 for regular communications and (703) 308-9051 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the technology Center Customer Service Office whose telephone number is (703) 306-0377.



Mehrdad Dastouri  
Patent Examiner  
Group Art Unit 2623  
December 2, 2002